

Title (en)
Recordable optical disk.

Title (de)
Beschreibbare optische Platte.

Title (fr)
Disque optique enregistable.

Publication
EP 0642128 A1 19950308 (EN)

Application
EP 94306497 A 19940902

Priority
JP 22032393 A 19930903

Abstract (en)
An apparatus for recording information on a recordable optical disc (1) by applying a light beam on the surface thereof, the disc includes a first recording area on which information is recorded and reproduced while the disc is rotated at a first linear velocity (CLV1); and a second recording area on which information is recorded and reproduced while the disc is rotated at a second linear velocity (CLV2). The first recording area includes a test recording area. The apparatus includes recording power determining unit for determining first optimum recording power (P1) for recording information on the first area by a test recording utilizing the test recording area, and for determining second optimum recording power (P2) for recording information on the second area by multiplying the first optimum recording power by a predetermined constant (K). <IMAGE>

IPC 1-7
G11B 11/12; **G11B 11/10**; **G11B 20/12**; **G11B 7/24**; **G11B 7/26**

IPC 8 full level
G11B 7/00 (2006.01); **G11B 7/0045** (2006.01); **G11B 7/24** (2006.01); **G11B 19/02** (2006.01); **G11B 20/12** (2006.01); **G11B 20/18** (2006.01)

CPC (source: EP US)
G11B 7/0045 (2013.01 - EP US); **G11B 7/24** (2013.01 - EP US); **G11B 19/02** (2013.01 - EP US); **G11B 20/1251** (2013.01 - EP US); **G11B 20/1816** (2013.01 - EP US); **G11B 2220/2545** (2013.01 - EP US)

Citation (search report)

- [XP] US 5276670 A 19940104 - NOGAMI HIROSHI [JP], et al
- [X] DE 4220694 A1 19930107 - TOSHIBA KAWASAKI KK [JP]
- [X] EP 0487294 A2 19920527 - MATSUSHITA ELECTRIC IND CO LTD [JP]

Cited by
KR100712390B1; BE1009677A3; EP1320089A3; CN100399435C; EP1739663A4; GB2340294A; GB2340294B; EP1081696A3; US8068392B2; WO2005004121A3; WO9713244A1; WO2006004250A1; WO2004084199A1; WO2005008642A3; EP1081696A2; US6556524B1; US6463021B2; US6483790B1; US6493303B2; US6496460B2; US6522609B2; US6621782B1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0642128 A1 19950308; **EP 0642128 B1 19990210**; DE 69416472 D1 19990325; DE 69416472 T2 19990819; JP H0773471 A 19950317; US 5592463 A 19970107

DOCDB simple family (application)
EP 94306497 A 19940902; DE 69416472 T 19940902; JP 22032393 A 19930903; US 29904694 A 19940831